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(54) Title: **USE OF LINEAR POLY-ALPHA-1,4-GLUCANS AS RESISTANT STARCH**

(57) Abstract: The present invention concerns the use of water-insoluble linear poly-alpha-1,4-D-glucans as resistant starch (RS) as well as a process for the preparation of resistant starch characterised in that saccharose is reacted with a protein with the enzymatic activity of an amylase.